To use the RFD8500 for the first time with a mobile computer, Android or iOS device:

- Install the battery.
- Charge the RFD8500.
- Power on the RFD8500.
- Pair the RFD8500 over Bluetooth with a mobile device (the RFD8500 can also be used with a USB connection).
- Install the Demo Application, or the partner application (Android or iOS).
- Set the region and power level (using the Demo Application, or the partner application).

**Introduction**

The RFD8500 reader provides Radio Frequency Identification (RFID), with optional barcode scanning functionality. The unit can be used stand alone, or paired with a Bluetooth® wireless technology enabled host device (such as a mobile computer and/or smartphone).

**1 RFID Antenna Compartment**

**2 USB Port**

**3 Power Button**

**Power/Charging Indicator**

**5 Trigger**

**6 Battery Cover/Compartment**

**7 Battery Cover Release Buttons**

**8 Imager Window (imager units only)**

**9 Mode Button**

**10 Mode Indicator**

**11 Charging Contacts**

**12 Decode/RFID Read Indicator**

**13 Bluetooth Indicator**

**14 Bluetooth Button**

**15 Beeper**

**Inserting the Battery**

Align the three tabs on the bottom of the battery with the three slots in the battery compartment. Press battery towards three battery slots then press down until it locks into place.

**Removing the Battery**

Press in and remove battery as shown.

**Removing the Battery Cover**

1. Depress both battery cover release buttons.
2. Slide back and remove battery cover.

**Charging**

Before using the RFD8500 for the first time, charge the battery until the LED Power/Charging Indicator turns solid green. To charge the RFD8500, use a Zebra approved charging cradle or charging cup.

**Data Transfer and Firmware or Software Updates**

The Micro USB port on the RFD8500 is not intended for charging. The Micro USB port is for data transfer and firmware upgrading only. For daily charging, use the cable cup or cradle.

**Accessories and Charging**

- **One-Slot Charge Only Cradle**
- **Three-Slot Charge Only Cradle**
- **Four-Slot Charge Only Cradle**
- **Four-Slot Charge Only Cradle**
- **Four-Slot Charge Only Cradle**
- **All Charge Cables**

**Removing the Mobile Computer from the REB8500**

To remove the Mobile Computer, press the battery cover release buttons, and pull the Mobile Computer back and up.

**Getting Started - Removing the Battery Cover**

1. Remove the RFD8500 battery cover. Remove the plastic tip from the cover. Attach the mobile computer to its case accessory. Attach the mobile computer case to the RFD8500 battery cover. Slide the battery cover onto the RFD8500 until it locks in place. The battery cover buttons secure the mobile computer to the RFD8500.
2. To remove the mobile computer, press the battery cover release buttons, and pull the mobile computer back and up.

**Inserting the Mobile Computer into the RFD8500**

Slide the Mobile Computer into the charging contacts as shown. Secure the Mobile Computer by pressing the battery cover release buttons. The Mobile Computer is not secure until both battery cover release buttons are locked.
Pairing with an iOS Device

To pair with an iOS device, such as an iPhone or iPod Touch:

1. Power on the iOS device.
2. Touch the Settings icon.
3. Turn Bluetooth on.
4. Touch Search for Devices to display available discoverable devices.
5. Turn the RFD8500 on and ensure Bluetooth is enabled. If not, press the Bluetooth button on the RFD8500 for one second to make it discoverable. When discoverable, the Bluetooth LED slowly flashes blue.
6. Touch the RFD8500 in the list of available discoverable devices, and press the trigger to pair when the Bluetooth LED starts flashing fast.
7. Exit the Device Settings screen, and run the Zebra 123RFID Mobile Application.
8. From the 123RFID Mobile Application, select Settings > Readers List, and confirm the RFD8500 serial number with which you paired is displayed. Select it in the list of Available Readers for the iOS device.

Pairing with an Android Device

To pair with a TCXX or any compatible Android device:

1. Power on the device.
2. Touch the Settings icon.
3. Turn Bluetooth on.
4. Touch Search for Devices to display available discoverable devices.
5. Turn the RFD8500 on and ensure Bluetooth is enabled. If not, press the Bluetooth button on the RFD8500 for one second to make it discoverable. When discoverable, the Bluetooth LED slowly flashes blue.
6. Touch the RFD8500 in the list of available discoverable devices, and press the trigger to pair when the Bluetooth LED starts flashing fast.
7. Exit the OS Device Settings screen and run the RFID Demo Application.
8. Pairing/Locate Device barcode appears on the RFD8500 under the antenna compartment. The barcode can also be used for pairing.

Transferring Data Via USB

Scanner SDK Driver Utilities site. For detailed information about transferring data, refer to the RFID Developer Guide for details.

Using the Pairing/Locate Device Barcode


More Information About the RFD8500

Refer to the RFD8500 RFID Developer Guide for details.